

Sanghong Kim

List of Publications by Year in descending order

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12
papers

309
citations

1684188

5
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Gray-Box Model-Based Predictive Control of Czochralski Process with Successive Model Update. Journal of Chemical Engineering of Japan, 2022, 55, 154-161.	0.6	0
2	Gray-box modeling of 300Åmm diameter Czochralski single-crystal Si production process. Journal of Crystal Growth, 2021, 553, 125929.	1.5	9
3	Inferential Control of a Distillation Column through the Successive Update of the Soft-sensor and Control Algorithm. Journal of Chemical Engineering of Japan, 2021, 54, 395-405.	0.6	1
4	Gray-box model-based predictive control of Czochralski process. Journal of Crystal Growth, 2021, 573, 126299.	1.5	3
5	Database Management Method Based on Strength of Nonlinearity for Locally Weighted Linear Regression. Journal of Chemical Engineering of Japan, 2019, 52, 554-561.	0.6	5
6	A first-principle model of 300Åmm Czochralski single-crystal Si production process for predicting crystal radius and crystal growth rate. Journal of Crystal Growth, 2018, 492, 105-113.	1.5	27
7	Modified joint-Y PLS model for integrated use of data from similar plants. , 2017, , .		0
8	Optimization of nonlinear multi-stage process with characteristic changes through locally-weighted partial least squares. , 2015, , .		1
9	Input variable scaling for statistical modeling. Computers and Chemical Engineering, 2015, 74, 59-65.	3.8	5
10	Long-Term Industrial Applications of Inferential Control Based on Just-In-Time Soft-Sensors: Economical Impact and Challenges. Industrial & Engineering Chemistry Research, 2013, 52, 12346-12356.	3.7	77
11	Evaluation of Infrared-Reflection Absorption Spectroscopy Measurement and Locally Weighted Partial Least-Squares for Rapid Analysis of Residual Drug Substances in Cleaning Processes. Analytical Chemistry, 2012, 84, 3820-3826.	6.5	50
12	Estimation of active pharmaceutical ingredients content using locally weighted partial least squares and statistical wavelength selection. International Journal of Pharmaceutics, 2011, 421, 269-274.	5.2	131